

IN THE CLAIMS

Please amend the claims as follows:

1. (original) System for performing telemetric measurements, comprising

- a plurality of mobile communication devices (100),
- each communication device (100) being provided with at least one sensor (110) and a sensor control section (120) for performing measurements,
- a cellular communication network structure (1) for said mobile communication devices,
- a server (SRV) provided with communication means for receiving measurement data from said plurality of mobile communication devices (100), and for sending measurement instructions to respective sensor control sections (120) of said mobile communication devices (100).

2. (original) System according to claim 1, wherein the sensor control sections (120) are programmable by the server (SRV).

3. (currently amended) System according to claim 1-~~or~~ 2, wherein the sensor control sections (120) are arranged to perform a measurement on a predetermined point in time.

4. (currently amended) System according to ~~any of the preceding~~
~~claims~~claim 1, wherein the sensor control sections (120) are
arranged to perform a measurement in response to instructions
received from the server (SRV).

5. (currently amended) System according to ~~any of the preceding~~
~~claims~~claim 1, wherein the sensor control sections (120) are
arranged to transmit measurement results when the respective mobile
communication device (100) has established a connection over the
network (1).

6. (currently amended) Mobile communication device for use in a
system according to ~~any of the preceding~~claim 1, comprising
a communication section for communication over a cellular
communications network, and at least one sensor and a sensor
control section for performing measurements.

7. (original) Method for performing telemetric measurements,
comprising

- instructing a sensor control section (120) of a mobile
communication device (100) to perform a measurement, and

- retrieving a measurement result from a mobile communication device (100) through a cellular communication network (1).

8. (original) Method according to claim 7, wherein the instruction for performing a measurement is at least based on the position of the respective mobile communication device (100) within the cellular communication network (1).

9. (currently amended) Method according to claim 7-~~or 8~~, wherein the retrieval of the measurement data is performed when the respective mobile communication device (100) is engaged in communication over the cellular communication network (1).

10. (original) Method according to claim 9, wherein the measurement data is encoded in the communication signal.

11. (original) Method for billing communication costs within a cellular communication network comprising awarding credit towards the billing information of a subscriber to a network communication service on receipt through the communication network of measurement data performed by a mobile communication device (100) associated with the subscriber.